**To:** Christner, Jan[Jan.Christner@WestonSolutions.com]

From: Way, Steven

**Sent:** Sun 8/30/2015 3:11:05 AM

Subject: Re: USGS streamgaging assistance, Thurs Sept 3; Was: second set of samples (fwd)

The START crew obtained flow from those adits today.

We can samples and flows in Thursday.

Sent from my iPhone

> On Aug 29, 2015, at 4:27 PM, Christner, Jan < Jan. Christner@WestonSolutions.com> wrote:

> Is there any value in adding the other major mines in the vicinity (Mogul, Red and Bonita, American Tunnel and maybe Silver Ledge)? We did that on 8/22 so I'm not sure if it adds much to the knowledge base, just thought I'd ask since we will have the USGS flow measurement team.

> -----Original Message-----

- > From: Rob Runkel [mailto:runkel@usgs.gov]
- > Sent: Wednesday, August 26, 2015 3:37 PM
- > To: Steve Way; Dan Wall; guy.kerry@epa.gov; Christner, Jan
- > Subject: USGS streamgaging assistance, Thurs Sept 3; Was: second set of samples (fwd)

>

> All--

- > Steve, Jan and talked this morning about having a USGS streamgager accompany your sampling team sometime next week.
- > We have someone available on Thursday Sept 3, so let me know ASAP how that works for you. I think it would be good to repeat the sampling I did on 8/13, w/ a couple of additions.
- > (See email below where I compare 8/13 results w/ other data).
- > This would give us an idea of the current state of the treatment system.

>

> suggested sites:

## **Deliberative Process / Ex. 5**

> thanks, Rob

>

> ------

- > Rob Runkel
- > Research Hydrologist

1814390

```
> U.S. Geological Survey
> runkel@usgs.gov
> 303.541.3013
> http://profile.usgs.gov/runkel
>> On Tue, 18 Aug 2015, Rob Runkel wrote:
>>
>>
>> Steve --
>>
>> Plots to go along w/ the spreadsheet I sent earlier today. Deliberative Process / Ex. 5
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>>
>>
     Deliberative Process / Ex. 5
>>
>>
>>
>>
>> Rob Runkel
>> Research Hydrologist
>> U.S. Geological Survey
>> runkel@usgs.gov
>> 303.541.3013
>> http://profile.usgs.gov/runkel
>>
>>> On Tue, 18 Aug 2015, Rob Runkel wrote:
>>> All - here are the results for the samples I collected last
>>> Thursday. I'll make some plots comparing these concentrations to
>>> those we observed Oct 2012.
>>>
>>> sites sampled 8/13:
>>>
>>;
    Deliberative Process / Ex. 5
>>>
```

>>> ------

>>> Rob Runkel

>>> Research Hydrologist

>>> U.S. Geological Survey

>>> runkel@usgs.gov

>>> 303.541.3013

>>> http://profile.usgs.gov/runkel

>>> ------

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